

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

60 NEW YORK AVENUE, N.W. • WASHINGTON, D.C. 20005-3934

PHONE 202 371-2600 • FACSIMILE 202 371-2540 • WWW.SKGL.COM

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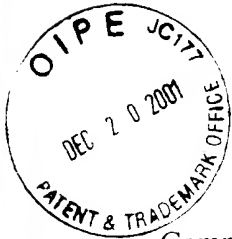
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ATTORNEYS AT LAW  
AND PROCEEDINGS BEFORE  
FEDERAL COURTS & AGENCIES  
REGISTERED PATENT AGENTS  
SENIOR COUNSEL



December 19, 2001

WRITER'S DIRECT NUMBER:

(202) 218-7824

INTERNET ADDRESS:

GLINGS@SKGL.COM

AS FILED  
12-20-01

Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Utility Patent Application  
Appl. No. 09/972,912; Filed: October 10, 2001  
For: **Cardiac and Pancreatic Protein and Gene**  
Inventors: SOPPET *et al.*  
Our Ref: 1488.0620003/EKS/GLL

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Information Disclosure Statement (*in duplicate*);
2. PTO Form 1449 citing 47 documents;
3. A copy of each of the 47 cited documents; and
4. One return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

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Commissioner for Patents  
December 19, 2001  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

*Gaby L. Longworth*

Gaby L. Longworth  
Agent for Applicants  
Registration No. 47,756

EKS/GLL/eak  
Enclosures

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SOPPET *et al.*

Appl. No. 09/972,912

Filed: October 10, 2001

For: **Cardiac and Pancreatic Protein  
and Gene**

Art Unit: *To be assigned*

Examiner: *To be assigned*

Atty. Docket: 1488.0620003/EKS/GLL



**Information Disclosure Statement**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. A copy of each document is provided.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

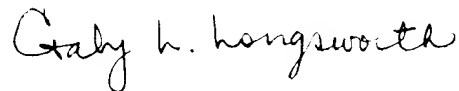
This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application (CPA) and before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this pleading is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Gaby L. Longworth  
Agent for Applicants  
Registration No. 47,756

Date: December 19, 2001

1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934  
(202) 371-2600

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FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1488.0620003/EKS/GLLAPPLICATION NO.  
09/972,912APPLICANT  
Soppet et alFILING DATE  
October 10, 2001GROUP  
To be assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	1	Adams, M.D., et al., "Initial assessment of human gene diversity and expression patterns based upon 83 million nucleotide of cDNA sequence," <i>Nature</i> 377:3-17, Macmillan Magazines Ltd. (1995).
AS	1	Bader, D., et al., "Commitment of Cardiac Progenitors," in: <i>Molecular Biology of the Cardiovascular System</i> . Roberts, R. and Schneider, M.D., Eds., Wiley-Liss, Inc., New York, NY, pp. 41-49 (1990).
AT	1	Bowie, J.U., et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions," <i>Science</i> 247:1306-1310, American Association for the Advancement of Science (1990).

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1488.0620003/EKS/GLL	APPLICATION NO. 09/972,912
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	2	Henikoff, S., et al., "Gene Families: The Taxonomy of Protein Paralogs and Chimeras," <i>Science</i> 278:609-614, American Association for the Advancement of Science (October 1997).
AS	2	Nathan, C. and Sporn, M., "Cytokines in Context," <i>J. Cell Biol.</i> 113:981-986, Rockefeller University Press (1991).
AT	2	NCBI Entrez, GenBank Report, Accession No. R31680, Hillier, L., et al. (1995).

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	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>3</u>	NCBI Entrez, GenBank Report, Accession No. R31722, Hillier, L., et al. (1995).
AS	<u>3</u>	NCBI Entrez, GenBank Report, Accession No. R74454, Hillier, L., et al. (1995).
AT	<u>3</u>	NCBI Entrez, GenBank Report, Accession No. R74552, Hillier, L., et al. (1995).

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>4</u>	NCBI Entrez, GenBank Report, Accession No. R82733, Hillier, L., et al. (1995).
AS	<u>4</u>	NCBI Entrez, GenBank Report, Accession No. H00589, Hillier, L., et al. (1995).
AT	<u>4</u>	NCBI Entrez, GenBank Report, Accession No. H13125, Hillier, L., et al. (1995).

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>5</u>	NCBI Entrez, GenBank Report, Accession No. H13126, Hillier, L., et al. (1995).
AS	<u>5</u>	NCBI Entrez, GenBank Report, Accession No. H47990, Hillier, L., et al. (1995).
AT	<u>5</u>	NCBI Entrez, GenBank Report, Accession No. H47991, Hillier, L., et al. (1995).

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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>6</u>	NCBI Entrez, GenBank Report, Accession No. H78875, Hillier, L., et al. (1995).
AS	<u>6</u>	NCBI Entrez, GenBank Report, Accession No. H80116, Hillier, L., et al. (1995).
AT	<u>6</u>	NCBI Entrez, GenBank Report, Accession No. H93550, Hillier, L., et al. (1995).

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	Z	NCBI Entrez, GenBank Report, Accession No. R82733, Hillier, L., et al. (1995).
AS	Z	NCBI Entrez, GenBank Report, Accession No. N66915, Hillier, L., et al. (March 1996).
AT	Z	NCBI Entrez, GenBank Report, Accession No. W26453, Macke, J., et al. (May 1996).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	8	NCBI Entrez, GenBank Report, Accession No. D87736, Tanaka, M., <i>et al.</i> (September 1996).
	AS	8	NCBI Entrez, GenBank Report, Accession No. C20629, Okubo, K. (October 1996).
	AT	8	NCBI Entrez, GenBank Report, Accession No. N51037, Hillier, L., <i>et al.</i> (January 1997).

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FORM PTO-1449

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	2	NCBI Entrez, GenBank Report, Accession No. W58174, Hillier, L., et al. (January 1997).
AS	2	NCBI Entrez, GenBank Report, Accession No. AA210042, Marra, M., et al. (February 1997).
AT	2	NCBI Entrez, GenBank Report, Accession No. AA263148, Claudio, J.O., et al. (March 1997).

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APPLICATION NO.  
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APPLICANT  
Soppet et al.

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	10	NCBI Entrez, GenBank Report, Accession No. AA310578, Adams, M.D., et al. (April 1997).
AS	10	NCBI Entrez, GenBank Report, Accession No. AA377081, Adams, M.D., et al. (April 1997).
AT	10	NCBI Entrez, GenBank Report, Accession No. AA377082, Adams, M.D., et al. (April 1997).

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>11</u>	NCBI Entrez, GenBank Report, Accession No. AA381830, Adams, M.D., et al. (April 1997).
AS	<u>11</u>	NCBI Entrez, GenBank Report, Accession No. AA381631, Adams, M.D., et al. (April 1997).
AT	<u>11</u>	NCBI Entrez, GenBank Report, Accession No. AA449869, Hillier, L., et al. (June 1997).

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1488.0620003/EKS/GLL	APPLICATION NO. 09/972,912
	APPLICANT Soppet et al	
	FILING DATE October 10, 2001	GROUP To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

✓	AR	<u>13</u>	NCBI Entrez, GenBank Report, Accession No. AAH09075, Strausberg, R. (July 2001).
✓	AS	<u>13</u>	NCBI Entrez, GenBank Report, Accession No. Q9NY97, Amado, M., et al (August 2001).
	AT	<u>13</u>	NCBI Entrez, GenBank Report, Accession No. Q9Y2A9, Yokoyama-Kobayashi, M., et al (August 2001).

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>14</u>	Ngo, J.T., et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," in: <i>The Protein Folding Problem and Tertiary Structure Prediction</i> , Merz, K. Jr. and Le Grand, S., Eds., Birkhäuser, Boston, MA, pp.433 and 492-495 (1994).
AS	<u>14</u>	Schneider, M.D., et al., "Functional Role of Growth Factors and Cellular Oncogenes in Cardiac and Skeletal Muscle," in: <i>Molecular Biology of the Cardiovascular System</i> , Roberts, R. and Schneider, M.D., Eds., Wiley-Liss, Inc., New York, NY, pp. 63-71 (1990).
AT	<u>14</u>	Shiraishi, N., et al., "Identification and Characterization of Three Novel $\beta$ 1,3-N-Acetylglucosaminyltransferases Structurally Related to the $\beta$ 1,3-Galactosyltransferase Family," <i>J Biol Chem.</i> 276:3498-3507, American Society for Biochemistry and Molecular Biology, Inc. (February 2001).

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	AP						Yes No

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AR	<u>15</u>	Simpson, P.C., "Molecular Mechanisms in Myocardial Hypertrophy," <i>Heart Failure</i> 5:113-129, Le Jacq Communications (1989).
AS	<u>15</u>	Simpson, P.C., "Regulation of Hypertrophy and Gene Transcription in Cultured Heart Muscle Cells," in: <i>Molecular Biology of the Cardiovascular System</i> , Roberts, R. and Schneider, M.D., Eds., Wiley-Liss, Inc., New York, NY, pp. 125-133 (1990).
AT	<u>15</u>	Stratagene Catalog, "Map and restriction sites of pBluescript <sup>+</sup> SK(+/-) phagemid," Stratagene, La Jolla, CA, p.334 (1995).

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AR	16	Watson, J.D. et al., "Table 25-3: Properties of Some Polypeptide Growth Factors Whose Corresponding Genes/mRNAs Have Been Cloned," in: <i>Molecular Biology of the Gene</i> , The Benjamin/Cummings Publ. Co., Inc., Menlo Park, CA, p. 975 (1987).
AS	16	Zhou, D., et al., "A $\beta$ -1,3-N-acetylglucosaminyltransferase with poly-N-acetyllactosamine synthase activity is structurally related to $\beta$ -1,3-galactosyltransferases," <i>Proc. Natl. Acad. Sci. USA</i> 96:406-411, National Academy of Sciences (January 1999).
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